

**SURFACE INSPECTION
COMPLIANCE REPORT**

Date of Inspection: March 9, 1995

Case Serial No.: UTU-063447

Operator: Jumbo Mining Company, Drum Mine

Project Description: Cyanide Heap Leach (Non-operational Status)

Legal Description: T. 15 S., R. 10 W., Section 7 (predominantly)

District and Resource Area: Richfield/HRRA

Inspector: Rody Cox, Wayne Hedberg, Tony Gallegos, Lynn Kunzler,
Tom Munson (UDOGM), and Dave Hartshorn (Jumbo)

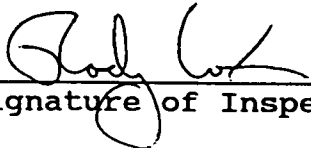
REPORT NARRATIVE (REFERENCE STIPULATIONS BY NUMBER OR TITLE)

In 1988, Jumbo Mining Company (Jumbo) acquired the Drum Mine from Western States Minerals Corporation (Western States). Subsequent litigation, in Colorado District Court, over the transfer of reclamation responsibility ensued. One of the issues is approximately 55,000 cyd of topsoil to be used for reclamation. The majority of this topsoil was never excavated by Western States, however; the District Court ruled, since Jumbo was aware of this problem during acquisition, they should be responsible for the topsoil.

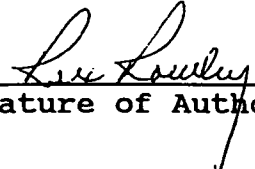
In compliance with the Courts ruling, Jumbo recently contacted the Division of Oil Gas and Mining (UDOGM) and informed them sufficient topsoil exists on the property to make up for the deficit. Jumbo identified this material by trenching and volumetric estimations. The purpose of this inspection was to verify Jumbo's estimates.

Attached is a copy of a map that shows the location of current topsoil stockpiles. Areas 1-6 are current topsoil stockpiles. The total volume of stockpiled topsoil present in areas 1-6 is approximately 8,500 cyds. The map also shows the locations of the trenches, areas proposed for topsoil salvage, the average estimated depth for each of these areas, the acres in each of these areas, and the cubic yards of top soil proposed for salvage associated with each of these areas. Areas A-J are the areas proposed for topsoil salvage. The total volume of topsoil proposed for salvage present in areas A-J is approximately 48,700. The combined total of topsoil would be approximately 57,200 cyds, which exceeds the amount currently required for reclamation (55,000 cyds).

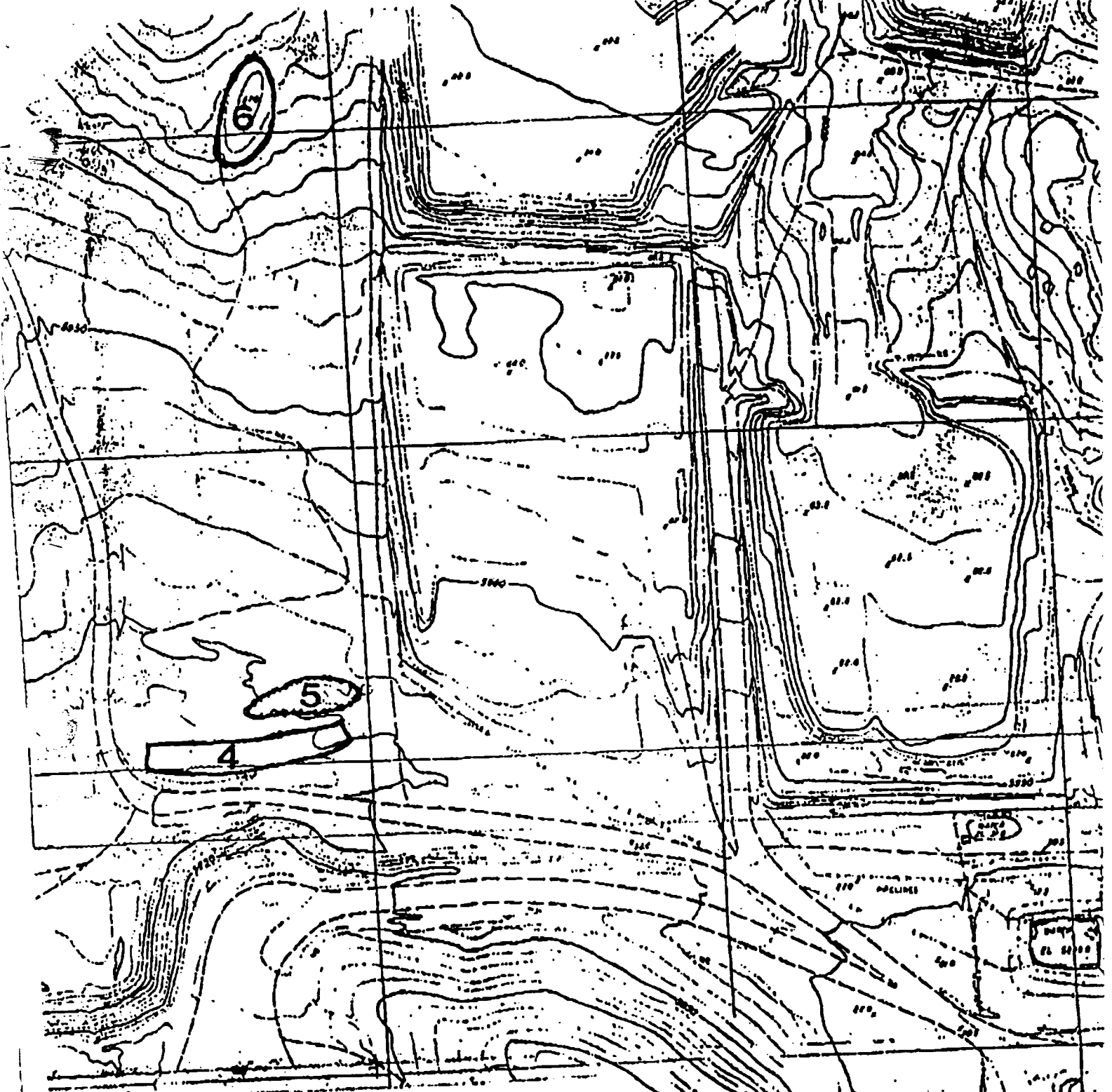
This inspection confirmed that Jumbo's estimates appear reasonable. The "topsoil" is composed of multiple soil horizons and may not be as productive as just the "O" plus "A" horizons. Because these horizons comprise just a thin veneer at this location, Jumbo is justified in proposing to use augmented soil horizons for reclamation purposes. A soil analysis needs to be completed prior to allowing Jumbo to excavate and stockpile the proposed topsoil. It is recommended several analysis be done. At minimum one from each soil horizon and one composite sample from construction fill near the mill and/or process ponds. These analysis will help to identify any soil deficiencies, as well as amendments that may be used to increase productivity, hence facilitate reclamation.



Signature of Inspector



Signature of Authorized Officer



ATTACHMENT 1

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**SOIL STOCKPILE AREAS
DRUH MINE**

Area 1 = 2,600 yards

Area 2 = 1,800 yards

Area 3 = 100 yards

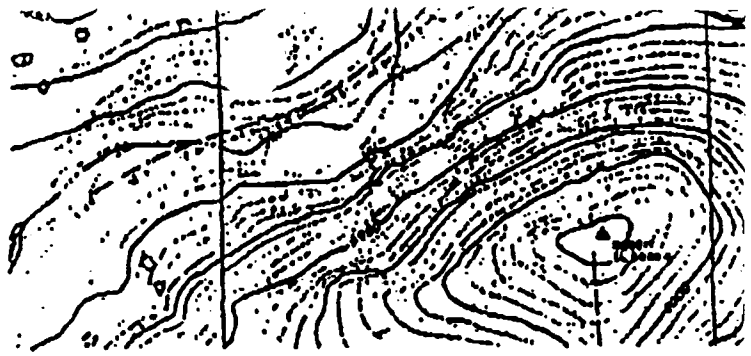
Area 4 = 1,300 yards

Area 5 = 600 yards

Area 8 = 2, yards

TOTAL = 8,500 yards

1" = 200'

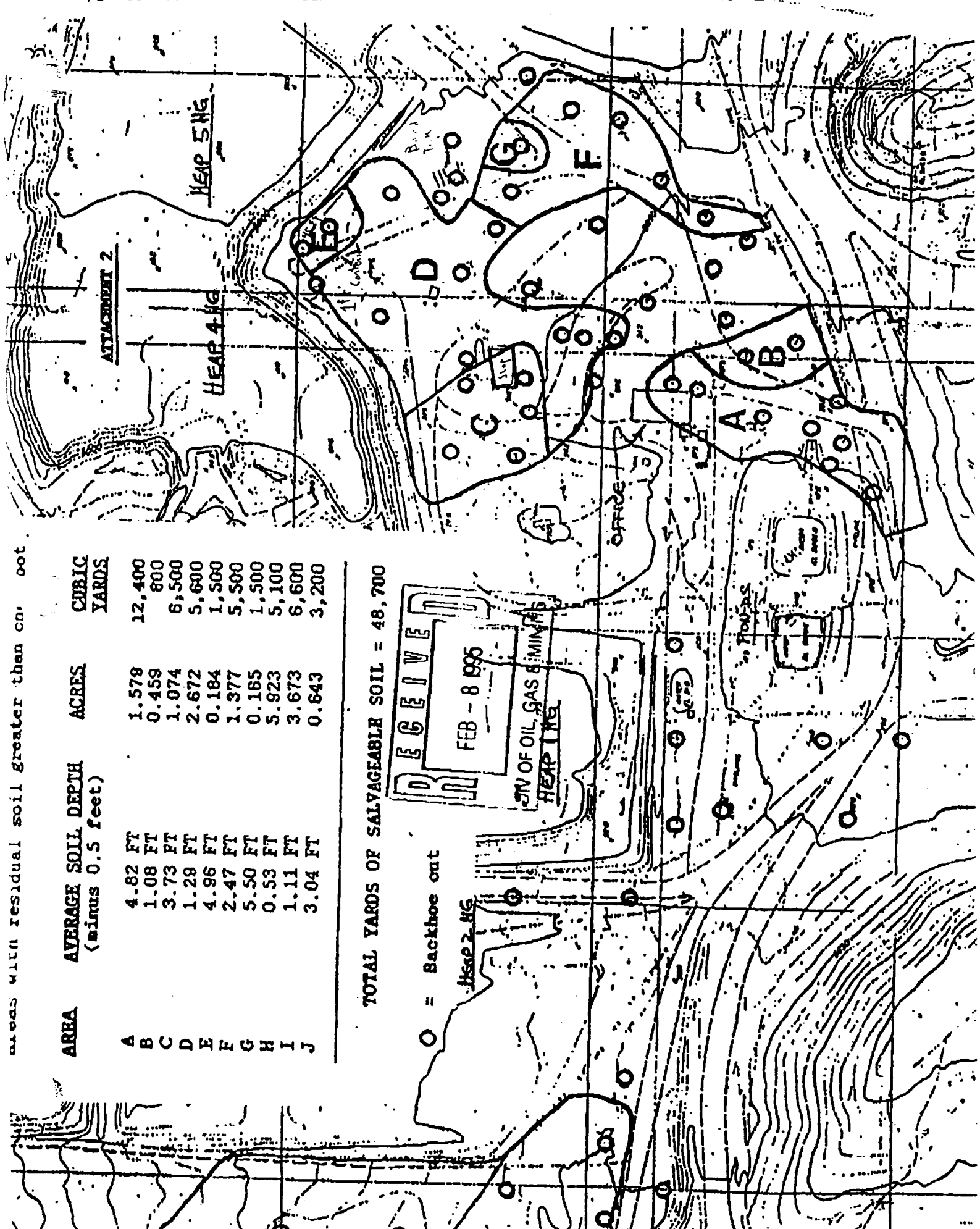


500 ft

Deficit ~ 55,000 yd³ of Topsoil

47,800 proposed

8,500 inventory



AREAS WITH RESIDUAL SOIL GREATER THAN 0.5 FT.

AREA	AVERAGE SOIL DEPTH (minus 0.5 feet)	ACRES	CUBIC YARDS
A	4.82 FT	1.578	12,400
B	1.08 FT	0.458	800
C	3.73 FT	1.074	6,500
D	1.28 FT	2.672	5,600
E	4.96 FT	0.184	1,500
F	2.47 FT	1.377	5,500
G	5.50 FT	0.165	1,500
H	0.53 FT	5.923	5,100
I	1.11 FT	3.673	6,600
J	3.04 FT	0.643	3,200

TOTAL YARDS OF SALVAGEABLE SOIL = 48,700

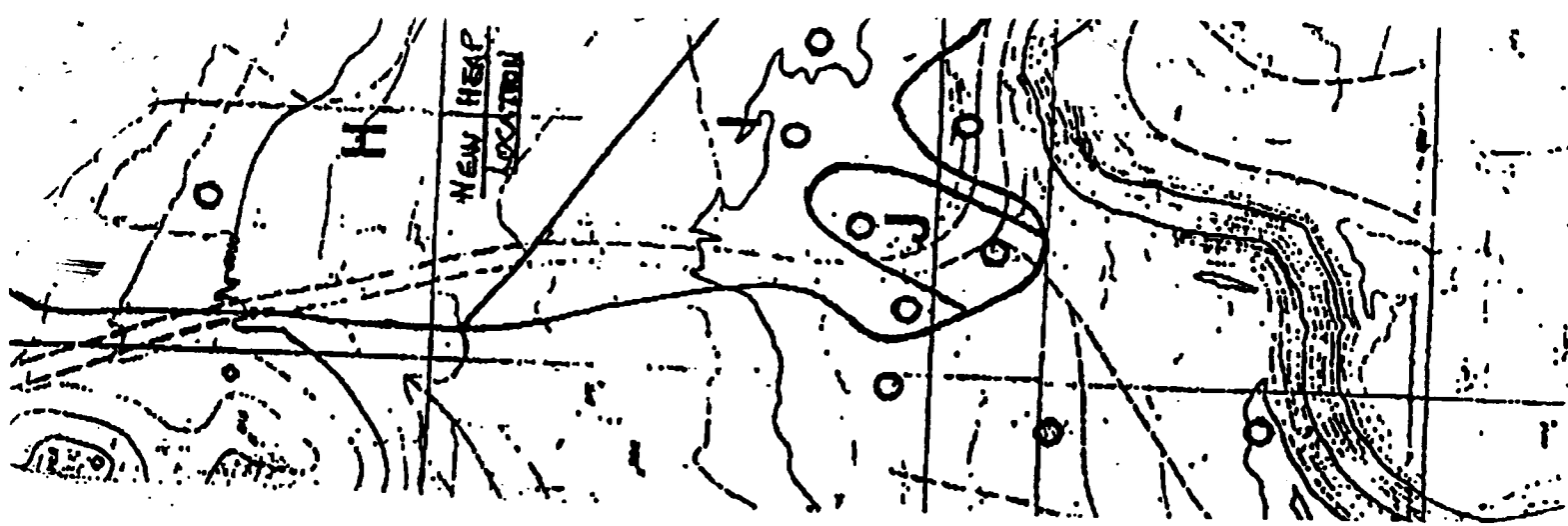
O = Backhoe cut

HEAP 2 NG

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JUN OF OIL, GAS & MINING
HEAP 1 NG

OFFICE

HOUSE



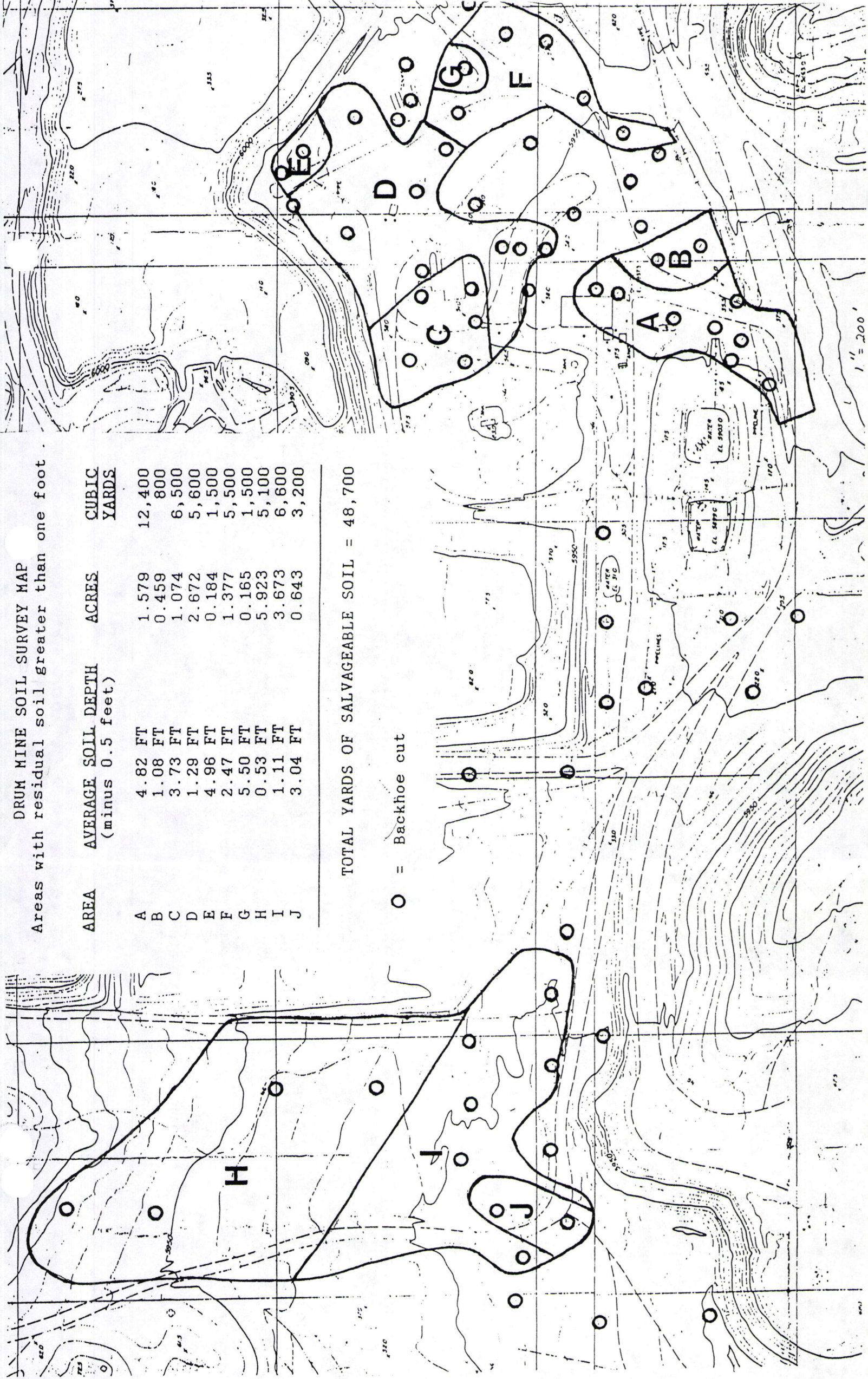
DRUM MINE SOIL SURVEY MAP

Areas with residual soil greater than one foot .

AREA	AVERAGE SOIL DEPTH (minus 0.5 feet)	ACRES	CUBIC YARDS
A	4.82 FT	1.579	12,400
B	1.08 FT	0.459	800
C	3.73 FT	1.074	6,500
D	1.29 FT	2.672	5,600
E	4.96 FT	0.184	1,500
F	2.47 FT	1.377	5,500
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DRUM MINE

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Area 2 = 1,800 yards

Area 3 = 100 yards

Area 4 = 1,300 yards

Area 5 = 500 yards

Area 6 = 2,200 yards

TOTAL = 8,500 yards

*100 ft
2 miles
N*

